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Warmdance ZQ10138

Warmdance 1500W Fog Machine with RGB LED Lights User Manual

1. Introduction

This manual provides essential information for the safe and effective operation of your Warmdance 1500W Fog Machine with RGB LED Lights. Please read these instructions thoroughly before initial use and retain for future reference. This device is designed to produce atmospheric fog effects for various events, featuring integrated RGB LED lighting and multiple control options.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or property damage.

- **Power Supply:** Ensure the operating voltage matches your local power supply (100-110V/60Hz or 220-240V/50Hz).
- **Heat:** The fog machine and its power cord can become very hot during operation. Avoid direct contact with the unit and ensure the power cord is not obstructed or coiled tightly. The unit can reach temperatures up to 80°C (176°F).
- **Fog Fluid:** Use only high-quality, non-toxic, water-based fog fluid specifically designed for fog machines. Do not use flammable liquids or other unauthorized substances.
- **Filling:** Do not overfill the fluid tank. The fluid level should not exceed approximately 2/3 of the tank capacity.
- **Ventilation:** Ensure adequate ventilation around the machine. Do not block air vents.
- **Placement:** Place the machine on a stable, level surface. Do not operate in small, enclosed spaces without proper ventilation, as fog can trigger smoke alarms.
- **Cleaning:** Clean the fog machine after each use to prevent permanent damage and ensure optimal performance.
- **Children and Pets:** Keep the fog machine out of reach of children and pets.
- **Moisture:** Do not expose the machine to rain or moisture. Operate only in dry conditions.
- **Maintenance:** Refer all servicing to qualified personnel. Do not attempt to repair the unit yourself.

3. Package Contents

Verify that all items are present in the package:

- Warmdance 1500W Fog Machine (x1)
- Power Cord (x1)
- Wireless Remote Control (x1)
- Remote Control Receiver (x1)
- U-shaped Flat Metal Truss Bracket (x1)
- Threaded Knobs (x2)
- Rubber Washers (x2)
- Instruction Manual (x1)

Figure 3.1: Package contents including the fog machine, power cord, remote, and receiver.

4. Product Overview

The Warmdance 1500W Fog Machine is a robust unit designed for stage and event effects. It features a durable metal housing, a 2.5-liter fluid tank, 24 RGB LED lights for vibrant color effects, and multiple control options.



Figure 4.1: Front view of the Warmdance 1500W Fog Machine in operation.



Figure 4.2: Key components and interfaces of the fog machine.

Key Features:

- **High Output:** 1500W power with 18000 CFM (cubic feet per minute) fog output.
- **RGB LED Lighting:** 24 integrated RGB LEDs for colorful fog effects.
- **Large Tank Capacity:** 2.5 liters for extended operation.
- **Multiple Control Methods:** DMX, Wireless Remote, and Manual control via LCD screen.
- **Adjustable Spray Direction:** Supports upward, downward, and horizontal fog output.
- **Efficient Heat Dissipation:** Designed with heat dissipation holes for durability.

5. Setup Instructions

Follow these steps to prepare your fog machine for operation:

1. **Fill Fog Fluid:**
   Open the fluid tank cap and carefully pour professional fog fluid (not included) into the tank. Ensure the fluid level does not exceed approximately 2/3 of the tank capacity. Screw the cap tightly after filling.

   Figure 5.1: Filling the fog fluid tank.

2. **Connect Power:**
   Plug the power cable into the machine's power input jack, then connect it to a suitable power outlet. Ensure the ON/OFF switch is in the 'OFF' position before connecting to power.

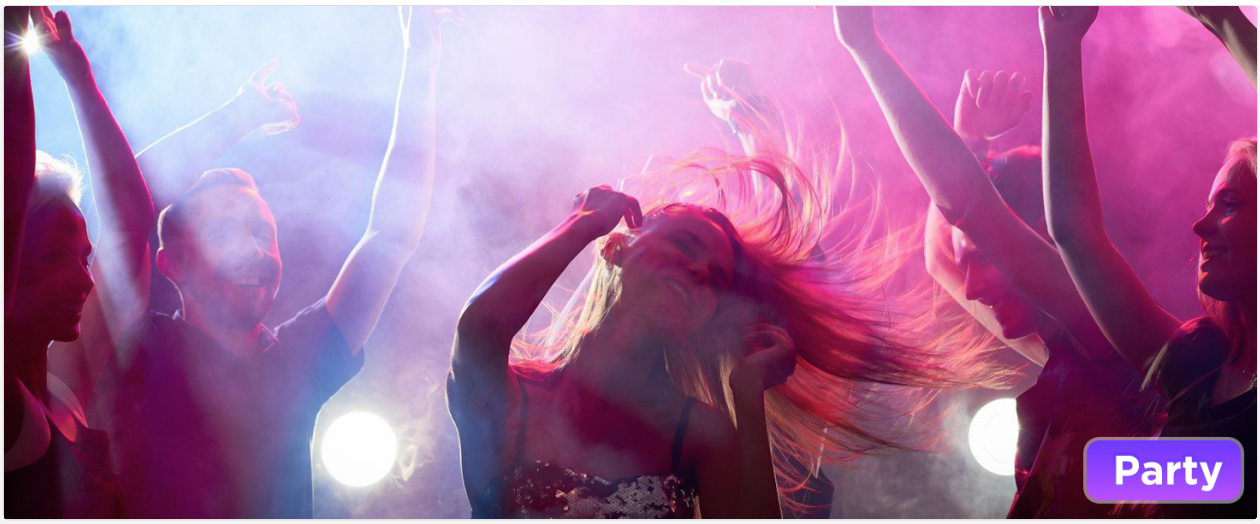


Figure 5.2: Connecting the power cable.

3. **Initial Warm-up:**
   Flip the ON/OFF switch to the 'ON' position. The machine will begin its initial warm-up cycle. The LCD screen will display 'UP' or similar indicator. The first warm-up takes approximately 3-5 minutes. Subsequent heating cycles will take about 30-40 seconds. The machine is ready to operate when the screen displays '----'.



Figure 5.3: Machine warming up, indicated by 'UP' on the display.

6. Operating Instructions

Once the machine has completed its warm-up cycle, you can control it using the wireless remote, DMX controller (not included), or the manual controls on the unit.

6.1 Wireless Remote Control

The included wireless remote allows for convenient operation from a distance of 10-30 meters. Ensure the remote control receiver is connected to the 'REMOTE CONTROL' port on the machine.



Figure 6.1: Operating the fog machine with the wireless remote control.



Figure 6.2: Wireless remote control button functions.

- **R (Red):** Press and hold for red light + smoke spray.
- **G (Green):** Press and hold for green light + smoke spray.
- **B (Blue):** Press and hold for blue light + smoke spray.
- **FOG:** Press and hold for smoke only (no LED light). Smoke concentration is determined by the panel setting P00 value.

Note: The remote control activates fog and lights only while the button is held down. There is no timer function for continuous output via remote.

6.2 Manual Control

The machine features an LCD screen and buttons (MENU, UP, DOWN, ENTER) for basic manual control. Refer to the on-screen menu for specific settings and adjustments, including fog concentration (P00 value).

6.3 DMX Control

For advanced control over fog and lighting effects, connect a DMX512 controller (not included) to the DMX IN port. The machine offers 7 DMX channels to control LED colors, strobes, modes, and speeds. Consult your DMX controller's manual for setup and programming specific to DMX512 protocols.



Figure 6.3: Fog machine connected to a DMX controller.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your fog machine.

- **Cleaning After Use:** It is crucial to clean the fog machine after each use. Run a cleaning solution (distilled water or a specialized fog machine cleaner) through the system to prevent residue buildup, which can cause blockages and permanent damage.
- **Exterior Cleaning:** Wipe the exterior of the machine with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the machine in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the fluid tank is empty or contains fresh fluid before storage.

8. Troubleshooting

If you encounter issues with your Warmdance 1500W Fog Machine, refer to the following common problems and

solutions:

- **No Fog Output:**
  - Check if the power cable is securely connected and the machine is turned ON.
  - Ensure the fluid tank contains sufficient fog fluid.
  - Verify that the machine has completed its warm-up cycle (LCD displays '----').
  - Check for blockages in the nozzle. If suspected, perform a cleaning cycle.
  - If using the remote, ensure the remote control receiver is properly connected and the remote has working batteries.
- **Machine Overheating / Power Cord Getting Hot:**
  - This is a high-power device; some heat generation is normal. However, excessive heat or a very hot power cord indicates a potential issue.
  - Ensure the machine has adequate ventilation and its air vents are not blocked.
  - Avoid continuous operation for extended periods. Allow the machine to cool down between uses.
  - Ensure the power cord is not damaged or coiled tightly. Use a heavy-duty extension cord if necessary, but be aware of potential overheating.
  - If overheating persists, discontinue use immediately and contact customer support.
- **Inconsistent Fog Output or Spitting:**
  - This often indicates a need for cleaning. Residue buildup can affect fluid flow.
  - Ensure you are using fresh, high-quality fog fluid. Old or diluted fluid can cause issues.
- **Lights Not Working:**
  - Check DMX connections if using a DMX controller.
  - Ensure the correct button is pressed on the remote for light activation.

If these steps do not resolve the issue, please contact Warmdance customer support for further assistance.

9. Specifications

Detailed technical specifications for the Warmdance 1500W Fog Machine (Model ZQ10138):



Figure 9.1: Product parameter table.

Parameter	Value
Model Number	ZQ10138
Power	1500W
Operating Voltage	AC110-130V 50/60Hz (US) / 220-240V 50Hz (EU)
Output	18000 CFM (c.f./min)
Smoke Output Distance	3-5 meters (9.84-16.4 feet)
Light Source	24 RGB LEDs
Fluid Tank Capacity	2.5 Liters (0.66 gallons)
Warm-up Time (Initial)	3-5 minutes
Warm-up Time (Subsequent)	30-40 seconds

Parameter	Value
Control Modes	Wireless Remote, DMX512, Manual
Remote Control Distance	10-30 meters
Dimensions (L x W x H)	42.5 x 30 x 20 cm (16.7 x 11.8 x 7.9 inches)
Item Weight	13.9 pounds
Housing Material	Aluminum and Iron

10. Warranty and Support

For warranty information, technical support, or service inquiries, please contact the manufacturer, Shenzhen Zhuoqiong Technology Co., Ltd., or the retailer from whom you purchased the product. Please have your model number (ZQ10138) and purchase date available when contacting support.

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